



Serial No. 09/989,308
Reply to Office Action dated June 15, 2006

Docket No. P-0295

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for displaying at least one of video or audio information of an Internet site on a screen of a video apparatus, comprising:

generating an Internet site search menu when an Internet channel guide key signal is input by a user, said search menu including a channel guide window for arranging channel numbers corresponding to previously registered addresses of Internet sites, and titles of the Internet sites, and a channel number range designation window for arranging the channel numbers within the channel guide window; and

displaying the Internet site search menu on the screen of the video apparatus wherein a channel number has a one-to-one correspondence to a title of an Internet site, and the one-to-one correspondence remains fixed until user modification, and wherein the channel number range designation window includes a plurality of displayed groups of channel numbers, each displayed group having a prescribed range of channel numbers, which is different for each displayed group, and the channel numbers arranged within the channel guide window correspond to the prescribed range of ~~the group~~ one of the displayed groups that is selected by the user.

2. (Previously Presented) The method of claim 1, further comprising displaying an initial screen of the recently stored Internet site on the screen of the video apparatus when the user selects an Internet mode.

3. (Previously Presented) The method of claim 2, wherein a content information of the initial screen of the Internet site is periodically updated and stored by obtaining the content information from the Internet site.

4. (Original) The method of claim 1, wherein the Internet site search menu further comprises a channel update selection window for periodically updating the video and audio information of the Internet site corresponding to the channel number desired by the user among the channel numbers.

5. (Original) The method of claim 1, wherein the video apparatus is a television, in which an armored set-top box or an Internet module is loaded.

6. (Currently Amended) The method of claim 1, wherein the one of the displayed ~~group groups that is~~ selected by the user among the plurality of displayed groups is displayed to be different from the displayed groups that are not selected by the user in color and brightness and to have a three-dimensional outline.

7. (Previously Presented) The method of claim 1, wherein the Internet site search menu further comprises a goto window including goto keys for moving to the addresses of the Internet sites corresponding to the channel numbers.

8. (Previously Presented) The method of claim 7, further comprising displaying the channel number corresponding to the goto key selected by the user among the goto keys in the form of an on screen display (OSD).

9. (Previously Presented) The method of claim 1, wherein the Internet site search menu further comprises a registration/modification/deletion window including a registration key for registering the Internet site desired by the user by a channel number, a modification key for modifying the Internet site, and a deletion key for deleting the Internet site.

10. (Previously Presented) The method of claim 9, wherein the registration/modification/deletion window includes windows for inputting, selecting, or changing the titles of the respective Internet sites and an address and channel number of the corresponding Internet site, a confirm key for registering or modifying a corresponding input or change content and confirming the registered or modified content, and a cancellation key for canceling the registered or modified content.

11. (Previously Presented) The method of claim 9, further comprising:
displaying a deletion warning message on the screen of the video apparatus; and
deleting the corresponding Internet channel when the user clicks a deletion key in
the registration/modification/deletion window.

12. (Previously Presented) The method of claim 9, further comprising:
the user respectively assigning channel numbers to one or more Internet sites and
registering the channel numbers through the registration/modification/deletion window; and
storing the addresses of the Internet sites corresponding to the registered channel
numbers.

13. (Currently Amended) An apparatus for displaying a video and audio information
of an Internet site comprising:

a memory for storing Internet site information including the video information,
the audio information, and an initial screen of a previously stored Internet site corresponding to
an address of the Internet site, said screen also including a channel number corresponding to the
Internet site;

a microcomputer for receiving the video and audio information corresponding to
the address of the Internet site and outputting a control signal when an Internet channel guide
key signal is input by a user;

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an Internet site search menu generator for receiving the control signal and generating and outputting an Internet site search menu;

a video processor for displaying the Internet site search menu on the screen of the video apparatus according to the control signal; and

an audio processor for outputting the Internet site search menu by audio according to the control signal,

wherein the displayed Internet site search menu includes channel guide window having channel numbers, each channel number having a one-to-one correspondence to a title of the Internet site and the one-to-one correspondence remains fixed until user modification, and wherein the displayed Internet site search menu further includes a channel number destination window for arranging the channel numbers in the channel guide window and having a plurality of displayed groups of channel numbers, each displayed group having a prescribed range of channel numbers, which is different for each displayed group, and the channel numbers arranged within the channel guide window correspond to the prescribed range of ~~the group one of the~~ displayed groups that is selected by the user.

14. (Previously Presented) The apparatus of claim 13, wherein the video processor displays the initial screen of the Internet site on a screen of the video apparatus according to the control signal when the user selects an Internet mode.

15. (Previously Presented) The apparatus of claim 13, wherein the microcomputer periodically updates a content of an initial screen of the Internet site and the content information is stored by obtaining the content information from the Internet site.

16. (Original) The apparatus of claim 13, wherein the Internet site search menu further comprises a channel update selection window for periodically updating the video information and the audio information of the Internet site corresponding to the channel number desired by the user among the channel numbers.

17. (Original) The apparatus of claim 13, wherein the video apparatus is a television, in which an armored set-top box or an Internet module is loaded.

18. (Currently Amended) The apparatus of claim 13, wherein the one of the displayed group groups that is selected by the user among the plurality of displayed groups is displayed to be different from the displayed groups that are not selected in color and brightness or to have a three-dimensional outline.

19. (Previously Presented) The apparatus of claim 13, wherein the Internet site search menu further comprises a goto window including goto keys for moving to the addresses of the Internet sites corresponding to the channel numbers.

20. (Original) The apparatus of claim 19, wherein the video processor displays the channel number corresponding to the goto key selected by the user among the goto keys in the form of on screen display (OSD) according to the control signal.

21. (Previously Presented) The apparatus of claim 13, wherein the Internet site search menu further comprises a registration/modification/deletion window including a registration key for registering the Internet site desired by the user by a channel number, a modification key modifying the Internet site, and a deletion key for deleting the Internet site.

22. (Previously Presented) The apparatus of claim 21, wherein the registration/modification/deletion window includes windows for inputting, selecting, or changing titles of the respective Internet sites and the address and channel number of a corresponding Internet site, a confirm key for registering or modifying a corresponding input or change content and confirming the registered or modified content, and a cancellation key for canceling the registered or modified content.

23. (Previously Presented) The apparatus of claim 21, wherein the video processor displays a deletion-warning message on the screen of the video apparatus and deletes the channel of the corresponding Internet channel from the memory when the user clicks a deletion key in the registration/modification/deletion window.

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24. (Original) The apparatus of claim 21, wherein the Internet site search menu lets the user assign the respective channel numbers to one or more Internet sites and register the channel numbers through the registration/modification/deletion window and store the addresses of the Internet sites corresponding to the registered channel numbers.

25. (Previously Presented) The method of claim 1, wherein the channel numbers of the channel guide window are arranged in a column, and the channel numbers increase from top to bottom of the search menu.

26. (Previously Presented) The method of claim 7, wherein each goto key of the goto window is associated with the Internet site corresponding to the channel number.

27. (Previously Presented) The method of claim 1, wherein the channel numbers within the prescribed range increase from top to bottom of the search menu.

28. (Previously Presented) The apparatus of claim 13, wherein the channel numbers of the channel guide window are arranged in a column, and the channel numbers increase from top to bottom of the search menu.

29. (Previously Presented) The apparatus of claim 19, wherein each goto key of the goto window is associated with the Internet site corresponding to the channel number.

30. (Previously Presented) The apparatus of claim 13, wherein the channel numbers within the prescribed range increase from top to bottom of the search menu.